Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 18 Sep 2020 until 23:59 on Saturday 19 Sep 2020

Forecast Issued on Friday 18 Sep 2020 at 00:34

Confidence: Moderate to high confidence of settled weather.

Headline for Friday 18 Sep 2020: Dry with prolonged sunshine and strong easterly winds, with gale strength gusts possible by Friday evening across summits.

Mountain weather hazards on Friday 18 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Sunny	Partly cloudy (night)
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Friday 18 Sep 2020

Weather: A dry start to Friday with long clear spells. There is likely to be some mist and fog around dawn, mainly in valleys, and this will lift and clear through the morning after dawn. A fine day following with plenty of sunshine, which will be rather strong by the afternoon.

Chance of cloud free mountain/hill tops above 600m: 100 percent, but 60 percent during Friday morning if mist and low cloud lifts and affects some eastern slopes for a time.

Visibility: Generally very good but poor in any morning mist and very poor in any early morning fog.

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Mountain Weather Forecast

Forecast for Friday 18 Sep 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/12 E	11/16 E	14/22 E	15/23 E	16/25 E	19/29 E	18/28 E
300	5/12 NE	8/15 E	11/20 E	11/22 E	9/22 E	11/25 E	11/25 E
Valley	5/9 E	6/13 E	9/17 E	10/20 E	10/21 NE	11/22 E	10/22 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	9/6	11/8	12/10	10/7	8/4	8/3
300	7/6	12/10	15/13	16/13	12/10	10/8	10/7
Valley	8/6	14/12	17/15	17/15	14/12	11/9	11/9
Freezing Level*	2300m	2200m	2000m	2000m	2200m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some valleys will be several degrees lower in the early hours. Feeling chilly in the strong winds across summits which will be gusty.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 18 Sep 2020	0mm	0.2mm	3.2mm

Forecast for Saturday 19 Sep 2020

Weather: Starting dry but there is an increased risk of low cloud shrouding some slopes and summits with mist and fog for a time on Saturday morning. This lifting and breaking to give a sunny afternoon. Easterly winds remaining strong with gale strength gusts again possible across some summits.

Maximum wind: Easterly or northeasterly with gusts reaching around 35-40mph. Note that the winds will be gusty in nature.

Chance of cloud free mountain/hill tops above 600m: 90 percent, but 40 percent during Friday morning as mist and low cloud lifts and affects slopes and summits for a time.

Visibility: Very good for much of the day but poor in morning mist and very poor in morning fog

Temperature: **Valleys:** Plus 4 degrees Celsius becoming plus 16 degrees Celsius.
At 600m: Plus 6 degrees Celsius becoming plus 12 degrees Celsius.
Freezing level: Well above the peaks.

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